

ABSTRACT OF THE DISCLOSURE:

[0038] In steering control apparatus and method for an automotive vehicle, a camera photographs a travel path in a traveling direction of a vehicle, a
5 lateral displacement calculating circuit calculates a lateral displacement of the vehicle with respect to the travel path according to an image of the travel path photographed by the camera, a differentiator calculates a differential value of the lateral
10 displacement, a vehicle speed sensor that detects a vehicle speed, a relative yaw rate calculating section calculates a relative yaw rate with respect to the travel path of the vehicle on the basis of the lateral displacement, the differential value of the
15 lateral displacement, and the vehicle speed, an actuator provides an assistance force for the steering mechanism, and an actuator controlling section drivingly controls the actuator in a direction toward which the relative yaw rate is
20 cancelled on the basis of the relative yaw rate.

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